Prince Sandhu . Jarvis Consulting

I have graduated with a Bachelor's in Software Engineering from McMaster University in 2019. I am currently employed by Jarvis Consulting Group in pursuit of extensively expanding my software application skills through working on various exciting projects by utilizing current and in-demand technologies and frameworks. My prior industry experience includes a one-year internship at the Ontario Ministry of Children, Community and Social Services. I supported the System Development & Maintenance team in planning, developing, implementing, and testing the Child Protection Information Network (CPIN) application, along with providing tier-2 support for onboarding regional agencies. I particularly enjoy tackling new challenges regularly and the dynamic nature of the profession is what excites me and is precisely the reason why I chose to pursue a career in the software development industry.

Skills

Proficient: Java, Algorithms & Data Structures, Linux/Bash, Agile/Scrum, Git

Competent: C, JavaScript, RDBMS/SQL, HTML/CSS, React Native, LaTeX

Familiar: TypeScript, React, Python, JUnit, MATLAB, UML

Jarvis Projects

Project source code: https://github.com/jarviscanada/jarvis_data_eng_PrinceSandhu

Cluster Monitor [GitHub]: Developed a Linux Cluster Monitoring Agent which enables users to monitor the individual Linux hosts in the system. PostgreSQL database provisioned using Docker. Bash scripts programmed to extract hardware specifications and, with the use of crontab, periodically update the database with usage data.

Core Java Apps [GitHub]:

- Twitter App: …
- JDBC App: …
- Grep App: …

Springboot App [GitHub]: Not Started

Python Data Analytics [GitHub]: Not Started

Hadoop [GitHub]: Not Started

Spark [GitHub]: Not Started

Cloud/DevOps [GitHub]: Not Started

Highlighted Projects

Project Emacs (Year IV Capstone Project): Developed an application utilizing Typescript, HTML, and CSS, while adhering to the software development life cycle, that enables users to take textual and handwritten notes while organizing and visualizing them in a non-hierarchical convention, received an A+.

GlobeTrans (Year III Cornerstone Project): Designed a large software system compliant to the specified business events and user scenarios, in an agile and team environment; received an A+. Design process included: establishing requirements, identifying, implementing, and documenting the architectural and detailed designs, developing and testing the prototype.

Professional Experiences

Software Developer, Jarvis (December 2021-present): Exercised agile methodologies on a daily basis in a team environment to design and implement numerous software projects using a vide variety of technologies such as Linux, PostgreSQL, Docker, and Git.

Junior Application Developer, Ontario Ministry of Children, Community, and Social Services (September 2017-September 2018): Supported the System Development & Maintenance team in planning, developing, implementing, and testing the Child Protection Information Network application. Documented and tracked testing defects, debugged, and troubleshot to ensure new requirements are implemented while existing functionality is not compromised.

Education

McMaster University (2014-2019), Bachelor of Engineering, Software Engineering - Dean's List (2017) - GPA: 3.3/4.0

Miscellaneous

- Mobile App Development with React Native (Harvard edX, 2020)
- Laguages: English, Punjabi, French
- Day-trader
- Volleyball, baseball, basketball, tennis, and hockey player
- Bhangra Dancer
- Maple Leafs, Blue Jays, Raptors, UFC fan